

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1-4. (Canceled)

5. (Original) A feedforward amplifier linearizer comprising:

a signal cancellation circuit; and

a distortion cancellation circuit,

wherein the signal cancellation circuit and distortion cancellation circuit are configured such that the linearizer achieves approximately 35 dB of distortion cancellation over a 15 MHz bandwidth.

6. (Original) A feedforward amplifier linearizer according to Claim 5,

wherein the linearizer instead achieves approximately 35 dB of distortion cancellation over a 25 MHz bandwidth.

7. (Currently Amended) A feedforward amplifier linearizer ~~according~~

~~to Claim 5, wherein the linearizer instead~~ comprising:

a signal cancellation circuit; and

a distortion cancellation circuit,

wherein the signal cancellation circuit and distortion cancellation circuit are configured such that the linearizer achieves approximately 25 dB of distortion cancellation over a 60 MHz bandwidth.

8. (Currently Amended) A feedforward amplifier linearizer ~~according to Claim 5, wherein the linearizer instead~~ comprising:

a signal cancellation circuit; and

a distortion cancellation circuit,

wherein the signal cancellation circuit and distortion cancellation circuit are configured such that the linearizer achieves approximately 20 dB of distortion cancellation over a 75 MHz bandwidth.

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